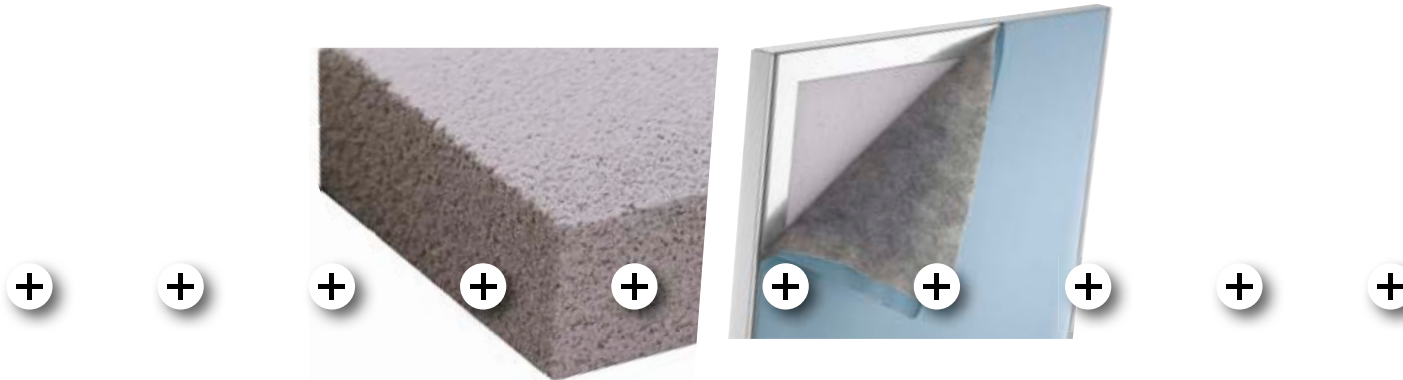


## GYPSUM FOAM – the patented core material

## Summary of benefits of gypsum foam:



- unique and exclusive for all PREFORM wall elements.

Throughout our portfolio of wall systems, we are particular proud of the excellent sound absorption and sound insulation offered by PREFORM gypsum foam, a material that is exclusive to us.  
(Test report on sound absorption to ISO 354; patents in EU, USA, Canada)



**tunable acoustics thanks to in-manufacture porosity control**

**superb sound absorption even at lower thicknesses**

**climate regulation through air humidity absorption/release**

**recyclability**

**odourless**

**certified non-toxic**

**fire classification of construction products: B1 (,difficult to ignite')**

**the material is absolutely non-hazardous in terms of its composition, emissions and flammability as demonstrated by numerous test certificates**

In contrast to other absorptive materials, the particular properties of gypsum foam are due to its composition from the naturally occurring raw material chalk: this is ground into dust, foamed using a polymer and manufactured into rigid slabs.

Thanks to its pore structure, even lower thicknesses of slab offer rigidity and high absorption, which can be adjusted on an individual basis.

The standard version is capable of absorbing a broad spectrum of low frequencies (250 Hz / 500 Hz) and high frequencies (1000 Hz / 2000 Hz).